

The Honorable J. Dennis Hastert
Speaker of the U.S. House of Representatives
Washington, DC 20515

Dear Mr. Speaker:

I am enclosing the "Report to Congress on Abnormal Occurrences: Fiscal Year 2005." The U.S. Nuclear Regulatory Commission (NRC) is forwarding this report to Congress in accordance with Section 208 of the Energy Reorganization Act of 1974 (Public Law 93-438) and the Federal Reports Elimination and Sunset Act of 1995 (Public Law 104-66), which require the NRC to identify and report abnormal occurrences (AOs) to Congress annually. In the context of the Energy Reorganization Act, an "abnormal occurrence" is an unscheduled incident or event that the Commission determines to be significant from the standpoint of public health or safety.

The enclosed report describes three events at NRC-licensed facilities that meet the criteria to be classified as AOs. All three events occurred at medical institutions. The first event involved a patient who received the incorrect dose distribution while undergoing therapeutic brachytherapy treatment. The second event involved an infant who was administered the incorrect diagnostic dosage of technetium-99m. The third event involved three patients who received unintended radiation doses to the skin of their thighs while undergoing therapeutic treatment. The report also addresses six AOs at facilities licensed by Agreement States. Agreement States are those States that have entered into formal agreements with the NRC pursuant to Section 274 of the Atomic Energy Act (AEA) to regulate certain quantities of AEA material at facilities located within their borders. During Fiscal Year 2005, there were 33 Agreement States and six events were reported at Agreement State-licensed facilities, including five therapeutic medical events and one diagnostic medical event. All of the events meet the criteria for AO categorization, as defined in Appendix A to the report.

Sincerely,

Nils J. Diaz

Enclosure: As stated

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